

Project Name: \_\_\_\_\_

Location: \_\_\_\_\_

Engineer: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Submitted by: \_\_\_\_\_

Reference: \_\_\_\_\_

Approval: \_\_\_\_\_

Date: \_\_\_\_\_

Construction: \_\_\_\_\_

Unit #: \_\_\_\_\_

Drawing #: \_\_\_\_\_

### SPECIFICATIONS:

<b>Model</b>	DTA109A51
<b>Description</b>	DIII-Net Expander Adaptor
<b>Maximum number of branches</b>	16
<b>Maximum Wiring Length</b>	3280 ft (1000m)
<b>Total Wiring Length</b>	6560 ft (2000 m)
<b>Power</b>	16VDC supplied by Outdoor Unit
<b>Dimensions</b>	3.94 x 3.94 inch (100 x 100 mm)
<b>Weight</b>	0.18 lbs. (80 g)

### PRODUCT IMAGE:

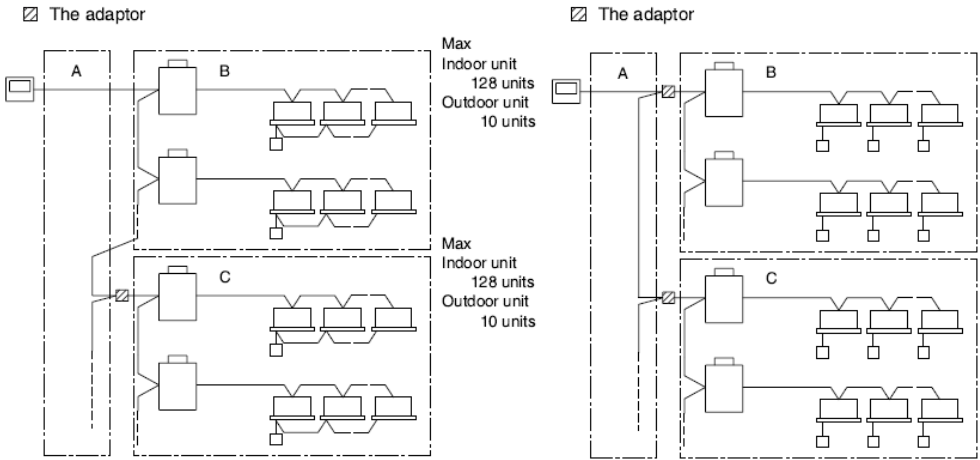


### FEATURES:

- Expands the maximum number of connected outdoor units and indoor units in one DIII-Net system
  - originally one DIII-Net system can connect maximum of 10 outdoor units and 128 indoor units
  - one adaptor can expand the maximum connection by additional 10 more outdoor units and 128 more indoor units
- Can be used to isolate branches to avoid entire system shutdown when only one branch is in error

### SYSTEM DIAGRAM:

Expand the DIII-Net:



A maximum of 128 indoor units and 10 outdoor units can be connected in each group B and C.

Each group A, B and C can have a maximum wiring length of 1000m, total wiring length of 2000m and a maximum 16 branches.



# Submittal Data Sheet

DTA109A51 – DIII-Net Expander Adaptor

Project Name:	_____	Approval:	_____
Location:	_____	Date:	_____
Engineer:	_____	Construction:	_____
Submitted to:	_____	Unit #:	_____
Submitted by:	_____	Drawing #:	_____
Reference:	_____		

### DOCUMENTATION:

Documentation available on [www.daikincity.com](http://www.daikincity.com) and/or [www.daikinac.com](http://www.daikinac.com):

- Submittal
- Installation Manual

(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)